



Practitioner's Docket No. Warf-002

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: Porter, Warren P.; Mitchell, John W.

Application No.: 09/938196

Group No.:

Filed: August 23, 2001

Examiner:

For: Method and system for calculating the spatial-temporal effects of climate and other environmental conditions on animals.

Assistant Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
WITHIN THREE MONTHS OF FILING OR
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. section 1.97(b))

IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING
INFORMATION DISCLOSURE STATEMENT

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. section 1.97(b).

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. section 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

☒ deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: 21 September 2001

FACSIMILE

☐ transmitted by facsimile to the Patent and Trademark Office.

Patricia Smith King
Signature

Patricia Smith King
(type or print name of person certifying)

Date: 9/21/2001

Patricia Smith King

Patricia Smith King
Registration No. 41899
King Research & Law
222 N. Midvale Boulevard, Suite 22
Madison, WI 53705-5076
1-608-231-2988
Customer No. 22224

Please type a plus sign (+) inside this box → +

PTO/SB/08B (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Compleat if Known

Application Number	09/938196
Filing Date	08/23/2001
First Named Inventor	Warren P. Porter
Group Art Unit	
Examiner Name	
Attorney Docket Number	Warf-002

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	PORTER, W.P., ET AL., "Behavioral Implications of Mechanistic Ecology," Oecologia, 1st ed., p. 1-54, (1973).	
	2	MCCULLOUGH AND PORTER, "Computing clear day solar radiation spectra for the terrestrial ecological environment," Ecology, Vol. 52 (No. 6), p. 1008-1015, (1971).	
	3	WARREN P. PORTER, ET AL., "Endotherm energetics: from a scalable individual-based model to ecological applications," Aust. J. Zool., p. 125-162, (1994).	
	4	WARREN P. PORTER ET AL., "Calculating climate effects on birds and mammals: impacts on biodiversity, conservation, population parameters, and global community structure.," Amer. Zool., p. 597-630, (2000).	
	5	WARREN P. PORTER, ET AL., "Physiology on a landscape scale: plant-animal interactions," WARREN - PUBLISHED YET? DETAILS?, (2001).	
	6	ADOLPH, S.C. AND W.P. PORTER, "Growth, seasonality, and lizard life histories: Age and size at maturity.," Oikos, p. 267-278, (1996).	
	7	PORTER AND MCCLURE, "Climate effects on growth and reproduction potential in Sigmodon hispidus and Peromyscus maniculatus.," Winter Ecology of Small Mammals, p. 173-181, (1984).	
	8	W.P. PORTER, "New animal models and experiments for calculating growth potential at different elevations.," Physiological Zoology, p. 286-313, (1989).	
	9	ADOLPH, S.C. AND W.P. PORTER, "Temperature, activity, and lizard life histories.," Am. Naturalist, p. 273-295, (1993).	
	10	BUDARAJU, S. ET AL., "Prediction of forced ventilation in animal fur from a measured pressure distribution," Proc. Roy. Soc. London B, p. 41-46, (1994).	
	11	BARTLETT, P. N. AND D.M. GATES, "The energy budget of a lizard on a tree trunk," Ecology, p. 315-322, (1967).	

Examiner
Signature

Date
Considered

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	09/938196
Filing Date	08/23/2001
First Named Inventor	Warren P. Porter
Group Art Unit	
Examiner Name	
Attorney Docket Number	Warf-002

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	12	MITCHELL, J.W., "Heat transfer from spheres and other animal forms," Biophys. J., p. 561-569, (1976).	
	13	MITCHELL, J.W. AND G.E. MYERS, "An analytical model of the counter-current heat exchange phenomena," Biophys. J., ed., , p. 897-911, (1968).	
	14	WATHEN, P. ET AL., "Theoretical and experimental studies of energy exchange from jack rabbit ears and cylindrically shaped appendages," Biophys. J., Vol. 11 (No. 12), p. 1030-1047, (1971).	
	15	WATHEN, P. ET AL., "Heat transfer from animal appendage shapes-cylinders, arcs, and cones," Trans. of the ASME, p. 536-540, (1974).	
	16	KOWALSKI, G. J. AND J.W. MITCHELL, "Heat transfer from spheres in the naturally turbulent, outdoor environment," J. Heat Transfer, Vol. 98 (No. 4), p. 649-653, (1976).	
	17	BECKMAN, W.A. ET AL., "Thermal model for prediction of a desert iguana's daily and seasonal behavior," Trans. ASME, p. 1-7, (1971).	
	18	MITCHELL, J.W. ET AL (EDS), "Microclimatic modeling of the desert," Scripta Book Co. (Washington, DC), p. 275-286, (1975).	
	19	GRANT, B.W. AND W.P. PORTER, "Modeling global macroclimatic constraints on ectotherm energy budgets," Am. Zool., p. 154-178, (1992).	
	20	BUDARAJU, S. ET AL., "Mixed convective heat and moisture transfer from a horizontal furry cylinder in transverse flow," Int. J. Heat and Mass Transfer, p. 22273-2281, (1997).	
	21	STEWART, W.E. ET AL., "Prediction of forced ventilation in animal fur under ideal pressure distribution," Functional Ecology, p. 487-492, (1993).	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.